



www.antiseize.com

# MOLY-LIT™

## Moly Based Anti-Seize Compound

### Product Description

**Moly-Lit™** is an extra heavy-duty, extreme-pressure, and low-friction lubricant. It offers a high concentration of molybdenum disulfide, graphite, and other anti-wear solids in a high-performance carrier. Use it to protect valuable parts and equipment to temperatures up to 2,400°F (1,315°C). Exceeds MIL-PRF-907E specifications.

**Moly-Lit™** anti-seize compound delivers minimum torque requirements and lubricates under extreme heavy loads. Recommended for threads, pipes, valves, and equipment carrying ethylene, acetylene, and other services where copper contamination must be avoided.

### Features & Benefits

- No copper or aluminum
- Long-term protection against rust and corrosion
- Reduces friction on all metal surfaces
- Protects load bearing surfaces during critical wear-in

### Applications include

- Heavy Duty Construction Machinery
- Punch Press Machines
- Marine Applications
- Mining Equipment
- Trucks and Buses
- Not suitable for food grade applications

### Composition

Solid Lubricants Graphite Molybdenum Disulfide	48%
Carrier plus Additive	52%

In general these compounds are composed of fine powders, dispersed in high quality, non-melting carrier that has been fortified with Anti-Oxidants, Corrosion Inhibitors.

### Service Recommendations

-300° to 2400°F (-184° to 1315°C)  
Not suitable for use with oxygen or chlorine

### Clean up

**Skin Contact:** Under normal usage - removal from skin with soap and water.

**Equipment:** Mineral Spirit type solvents work best.

### Typical Properties

Property	Value
Specific Gravity	1.38
Weight per gallon	11.5 LB
Penetration, D217-60T, 100-3000 Strokes	290 - 320
Oil Separation, 30 hr. at 158°F	1%
Flash point, ASTM D-92-85 (IP 36/65)	450°F
Color	Black
Friction Coefficient	0.085
Torque Coefficient "nut factor"	K Values 0.15 ± 0.02. Testing is required to determine the exact K values & specific performance on any individual fastener using the desired anti-seize compound.
Homogeneity	Will not settle, harden or separate under normal conditions.

### Shelf Life

Anti-Seize Compounds have no change in consistency or appearance more than one year in a closed container. Guaranteed replacement one year from date of purchase. Shelf life may be longer depending upon storage location and conditions. Store with container covered in a cool dry place for optimum shelf life.

### Cautions

Read all information on labels and Material Safety Data Sheets prior to use. All products should be tested & evaluated for a particular purpose prior to use. See Warranty Statement in our Catalog or on our Website.

### Product Limited Warranty

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

#### Available In:

2oz bt 12002	3oz tube 12003	11oz tube 12012	15oz cart 12015	23oz can 12016	23oz bt 12018
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2 1/2# can 12032	10# can 12035	50# pail 12050	130# drum 12130	500#drum 12500
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### **ANTI-SEIZE TECHNOLOGY**

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